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NPIC/R-1140/63

March 1963

PHOTOGRAPHIC INTERPRETATION REPORT

I P I R
BRASS KNOB MISSION 3469
5 MARCH 1963



ARMY



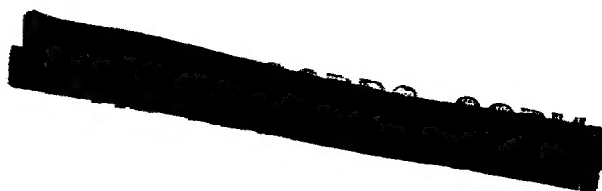
NAVY



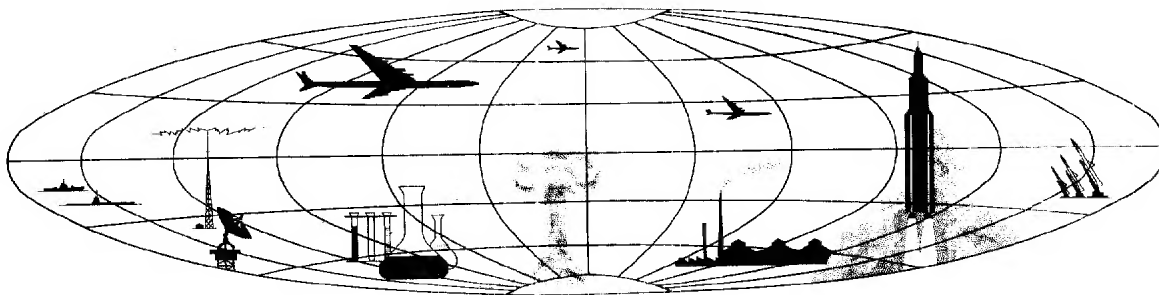
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GROUP 1
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IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3469, DATED 5 MARCH 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

-MISSILES-

25X1A

SAN CRISTOBAL MRBM SITE 3 2242N 08308W

NO ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D

SAGUA LA GRANDE MRBM SITE 2 2239N 07951W

NO ACTIVITY OBSERVED.

25X1D

REMEDIOS IRBM SITE 2225N 07935W

25X1D NO ACTIVITY OBSERVED.

TAPASTE AREA, STORAGE SITES 2303N 08207W

NO APPARENT CHANGE.

25X1D

BARTOLOME, SUSPECT SSM ACTIVITY 2226N 07934W

25X1D NO MISSILE ACTIVITY OBSERVED.

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25X1A

SALAMANCA, SUSPECT SSM ACTIVITY 2227N 07940W

25X1D

NO MISSILE ACTIVITY OBSERVED.

BELLAMAR, SUSPECT SSM ACTIVITY 2302N 08133W

25X1D

NO MISSILE ACTIVITY OBSERVED.

MATANZAS CITY, LA CUMBRE ALTA 2304N 08133W

25X1D

NO MILITARY ACTIVITY OBSERVED.

25X1D

SANTA LUCIA SAM SITE 2241N 08355W

25X1D

ONE CANVAS-COVERED LAUNCHER VISIBLE.

MARIEL SAM SITE 2300N 08249W

25X1D

SITE CONTAINS 6 LAUNCHERS, 6 CANVAS-COVERED MISSILE
TRANSPORTERS (ONE TRANSPORTER IN LAUNCH AREA),
AND AN OCCUPIED GUIDANCE AREA.

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25X1A

MATANZAS SAM SITE 2301N 08129W

25X1D

SITE CONTAINS 3 UNCOVERED LAUNCHERS WITH MISSILES, 3 CANVAS-COVERED LAUNCHERS, 6 CANVAS-COVERED MISSILE TRANSPORTERS, AND GUIDANCE RADAR.

25X1A

BAHIA HONDA SAM SITE 2257N 08317W

25X1D

SITE CONTAINS 7 CANVAS-COVERED MISSILE TRANSPORTERS, 3 CANVAS-COVERED MISSILES ON LAUNCHERS, AND 3 LAUNCHERS WITHOUT MISSILES. GUIDANCE AREA IS OCCUPIED.

25X1A

HAVANA SAM SITE 2309N 08213W

25X1D

SITE INCLUDES 6 CANVAS-COVERED UNREVETTED LAUNCHERS, ONE CANVAS-COVERED HOLD POSITION, ONE CANVAS-COVERED MISSILE ON TRANSPORTER, AND A CANVAS-COVERED GUIDANCE RADAR.

25X1A

CIENFUEGOS SAM SITE 2202N 08024W

25X1D

SITE CONTAINS 6 CANVAS-COVERED LAUNCHERS, 4 MISSILE TRANSPORTERS, AND CANVAS-COVERED GUIDANCE RADAR.

CAIBARIEN SAM SITE 2228N 07929W

25X1D

SITE CONTAINS 6 CANVAS-COVERED LAUNCHERS, 6 CANVAS-COVERED MISSILE TRANSPORTERS, AND A CANVAS-COVERED GUIDANCE RADAR.

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25X1A

DELEITE SAM SITE 2259N 08045W

SITE CONTAINS 6 REVETTED LAUNCHERS, 7 MISSILE
TRANSPORTERS, AND AN UNCOVERED GUIDANCE RADAR.

25X1D

SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA 2257N 08221W

APPROXIMATELY 25 MISSILE TRANSPORTERS WITH PRIME
MOVERS OBSERVED.

25X1D

CIEGO DE AVILA SAM SITE 2142N 07850W

SITE CONTAINS 6 CANVAS-COVERED LAUNCHERS, 7
CANVAS-COVERED MISSILE TRANSPORTERS, AND A
CANVAS-COVERED GUIDANCE AREA.

25X1D

DELEITE ALTERNATE SAM SITE 2301N 08044W

SITE ABANDONED. NO ACTIVITY.

25X1D

CIEGO DE AVILA SAM ASSEMBLY AREA 2152N 07844W

SITE CONTAINS 25 MISSILE TRANSPORTERS, 6
FLAT-BED/CARGO TRAILERS AND APPROXIMATELY 10 SMALL
UNIDENTIFIED VEHICLES AND 30 MISSILE CANISTERS.

25X1D

LOMA DE TIERRA, MILITARY CAMP 2301N 08213W

EIGHT LOWBOY TRAILERS AND 129 TRUCKS OBSERVED.

25X1D

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25X1A

CAMAGUEY AIRFIELD SAM SITE 2122N 07750W

25X1D

SITE CONTAINS 6 LAUNCHERS, 7 CANVAS-COVERED MISSILE TRANSPORTERS, AND AN OCCUPIED GUIDANCE AREA.

25X1A

MANAGUA SAM SITE 2259N 08215W

FIVE LAUNCHER FOUNDATIONS AND GUIDANCE AREA FOUNDATION APPEAR COMPLETE. NO MISSILE EQUIPMENT OBSERVED. GUIDANCE REVETMENT OCCUPIED BY ONE UNIDENTIFIED PIECE OF EQUIPMENT. FOURTEEN VEHICLES OBSERVED ON ACCESS ROAD.

25X1A

SIGUANEA CRUISE-MISSILE SITE 2137N 08258W

25X1D

NO APPARENT CHANGE.

SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE 2309N 08156W

25X1D

NO APPARENT CHANGE.

LA SIERRA CRUISE-MISSILE SITE 2156N 08019W

25X1D

NO ACTIVITY OBSERVED. SITE ABANDONED.

CAMPO FLORIDA CRUISE-MISSILE SITE 2306N 08211W

25X1D

SITE CONTAINS 2 CANVAS-COVERED LAUNCHERS, 8 CRUISE-MISSILE TRANSPORTERS, 9 CRUISE-MISSILE CRATES 8 ATS MOVERS, AND 11 TRUCKS OR VANS

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25X1A

GUERRA POSSIBLE CRUISE-MISSILE SITE 2300N 08250W

25X1D

SITE CONTAINS 12 MISSILE TRANSPORTERS AND 46
CRUISE-MISSILE TYPE CRATES.

-AIRFIELDS-

CAMILO CIENFUEGOS AIRFIELD 2229N 07955W

25X1D

AIRCRAFT -- 14 FAGOT/FRESCO, 37 FISHBED, AND 2
LIAISON-TYPE.

CAMAGUEY INTERNATIONAL AIRFIELD 2125N 07751W

25X1D

AIRCRAFT -- 2 FAGOT/FRESCO.

SIGUANEA AIRFIELD 2138N 08257W

25X1D

NO AIRCRAFT OBSERVED.

CORONEL PASCUAL AIRFIELD 2307N 08117W

25X1D

NO AIRCRAFT OBSERVED.

JOSE MARTI INTERNATIONAL AIRFIELD 2300N 08224W

25X1D

AIRCRAFT -- ONE CLEAT, 3 CRATE, 3 C-54 (ONE WITH
ONE ENGINE AND LEFT ELEVATOR MISSING), ONE C-46,
5 C-47, 3 CONSTELLATIONS, ONE VISCOUNT, 3 BRITANNIA,
3 LIAISON, ONE LODESTAR, ONE CRATE FUSELAGE, AND ONE
B-26.

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25X1A

CAMPO LIBERTAD AIRFIELD 2306N 08226W

25X1D AIRCRAFT -- 6 COLT, ONE PBY, AND 36 LIAISON/TRAINER.

MARIEL NAVAL AIR STATION 2300N 08246W

25X1D AIRCRAFT -- NONE OBSERVED.

PLAYA BARACOA AIRFIELD 2302N 08235W

25X1D AIRCRAFT -- ONE BELL HELICOPTER, 4 HARE, 51 HOUND
(4 WITHOUT ROTORS).

MANAGUA AIRFIELD 2258N 08217W

25X1D AIRCRAFT -- NONE OBSERVED.

COLONEL MARTIN MARRERRO AIRFIELD 2150N 08247W

25X1D NO AIRCRAFT VISIBLE IN CLOUD-FREE AREAS.

JAIME GONZALES AIRFIELD 2209N 08025W

25X1D NO AIRCRAFT OBSERVED.

-PORTS-

MARIEL PORT 2301N 08245W

VESSELS -- 12 KOMAR PGMG, ONE KRONSTADT-CLASS PC, AND

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25X1D ONE PF. NO LARGE VESSELS OBSERVED.

[REDACTED]

25X1A

PUNTA ALEGRE PORT 2223N 07847W

25X1D VESSELS -- NONE OBSERVED.

[REDACTED]

CIENFUEGOS PORT 2209N 08027W

25X1D VESSELS -- ONE KASIMOV-CLASS FREIGHTER (BOOMS ACTIVE, ONE HATCH OPEN) DOCKED AT RAIL PIER, ONE OTHER LARGE FREIGHTER, 4 PT, 2 PROBABLE KRONSTADT-CLASS PC, AND ONE PATROL CRAFT. EIGHTEEN RAIL CARS ON PIER ALONGSIDE KASIMOV-CLASS FREIGHTER.

[REDACTED]

25X1A

NUEVA GERONA PORT 2153N 08248W

25X1D NO LARGE VESSELS OBSERVED.

[REDACTED]

LA ISABELA PORT 2256N 08001W

25X1D VESSELS -- ONE FREIGHTER. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

[REDACTED]

CAIBARIEN PORT 2232N 07928W

25X1D NO LARGE VESSELS OBSERVED.

[REDACTED]

CARDENAS PORT 2302N 08112W

25X1D VESSELS -- 2 FREIGHTERS. NO MILITARY EQUIPMENT OBSERVED.

SECRET

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25X1D



25X1A

MATANZAS PORT 2303N 08134W

25X1D

VESSELS -- ONE FREIGHTER (KRASNOGRAD-CLASS) AT NEW WHARF, ONE LARGE FREIGHTER, AND ONE COASTAL TANKER.



SURGIDERO DE BATABANO PORT 2241N 08218W

25X1D

NO LARGE VESSELS OBSERVED.



HAVANA PORT 2308N 08221W

25X1D

VESSELS -- 32 LARGE FREIGHTERS, 3 LARGE TANKERS, 14 COASTAL FREIGHTERS, 2 SMALL TANKERS, 8 PT BOATS (ONE IN DRY DOCK), 2 PF, 2 PC, ONE PCE (CARIBE/SIBONEY CLASS), ONE PASSENGER SHIP (REDACTED) DOCKED AT UNITED FRUIT PIER.



LA COLOMA PORT 2214N 08334W

25X1D

NO VESSELS VISIBLE IN CLOUD-FREE AREAS.



CABANAS PORT 2259N 08256W

25X1D

NO LARGE VESSELS OBSERVED.



BAHIA HONDA PORT 2255N 08311W

25X1D

VESSELS -- NONE OBSERVED.



SECRET

JUCARO PORT 2137N 07851W

25X1D VESSELS -- 2 FREIGHTERS, ONE OF WHICH IS
ORENBURG-CLASS.

[REDACTED]

-ELECTRONICS-

25X1A

HAVANA AREA, COMMUNICATIONS CENTER 2300N 08226W

25X1D THIRTEEN UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT.
OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

[REDACTED]

25X1D

[REDACTED]

-MILITARY ACTIVITY-

BAHIA HONDA, MILITARY CAMP 2258N 08311W

25X1D NO APPARENT CHANGE.

[REDACTED]

CAMAGUEY AREA, MILITARY CAMP 1 2121N 07750W

25X1D NO APPARENT CHANGE IN FACILITIES. NINETY VEHICLES
IN AREA.

[REDACTED]

25X1A

REMEDIOS AREA, MILITARY CAMP 2227N 07934W

NO APPARENT CHANGE IN COUNT OR DEPLOYMENT OF TENTS,
VEHICLES OR PIECES OF EQUIPMENT VISIBLE IN CLOUD-FREE
AREAS. THE 6-GUN AAA SITE REMAINS OCCUPIED.

25X1D



25X1A



MINAS, AMMUNITION STORAGE AREA 2307N 08212W

NO APPARENT CHANGE IN FACILITIES. CANVAS-COVERED
OBJECT NEAR ENTRANCES TO 4 BUNKERS. ONE CARGO TRUCK
NEAR ENTRANCE TO ONE BUNKER.

25X1D



25X1A

HAVANA, AMMUNITION STORAGE AREA 2301N 08226W

NO APPARENT CHANGE.

25X1D



SANTIAGO DE LAS VEGAS AREA, MILITARY CAMP 2258N 08220W

NO APPARENT CHANGE IN COUNT OR DEPLOYMENT OF TENTS,
VEHICLES OR PIECES OF EQUIPMENT. OBLIQUITY PRECLUDES
FURTHER INTERPRETATION.

25X1D



25X1A

SAN JOSE DE LAS LAJAS AREA, MILITARY CAMP 2255N 08210W

NO VEHICLES/EQUIPMENT IN AREA.

25X1D



TORRENS, MILITARY COMPLEX 2259N 08228W

NO APPARENT CHANGE IN COUNT OR DEPLOYMENT OF TENTS,
VEHICLES OR PIECES OF EQUIPMENT. OBLIQUITY PRECLUDES
FURTHER INTERPRETATION.

25X1D



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NPIC/R-1140/63

25X1A

SANTA CLARA AREA, MILITARY ACTIVITY 2221N 07957W

25X1D NO APPARENT CHANGE.

MADRUGA, PDL STORAGE 2256N 08149W

25X1D NO APPARENT CHANGE IN FACILITIES.

LIMONAR AREA, MILITARY CAMP 2256N 08124W

25X1D NO APPARENT CHANGE IN FACILITIES OR VEHICLE/EQUIPMENT COUNT.

CAMAGUEY AREA, MILITARY CAMP 2126N 07753W

25X1D NO APPARENT CHANGE IN FACILITIES. FIFTEEN VEHICLES IN AREA.

MANAGUA, MILITARY CAMP 2258N 08217W

25X1D THIRTY-TWO LOWBOYS (21 WITH PRIME MOVERS), 2 PRIME MOVERS, AND 50 MISCELLANEOUS VEHICLES IN NORTH VEHICLE PARK. AT LEAST 250 VEHICLES/PIECES OF EQUIPMENT IN SOUTH VEHICLE PARK.

PURIO, MILITARY AREA 2233N 07952W

25X1D NO MILITARY ACTIVITY OBSERVED.

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SECRET

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NPIC/R-1140/63

25X1A

BAJURAYABO AREA, MILITARY CAMP 2308N 08210W

25X1D

CAMP CONTAINS 6 PROBABLE FA PIECES, 3 TRUCKS WITH
SMALL TRAILERS, AND AT LEAST 20 OTHER TRUCKS.

GUANABACOA, MILITARY AREA 2307N 08215W

25X1D GENERAL AREA INCLUDES 19 ATS PRIME MOVERS, 55 FA
PIECES (30 TOWED), AND APPROXIMATELY 70 TRUCKS.

SPECIAL AREA ALPHA 2258N 08227W

25X1D

NO NEW MILITARY ACTIVITY OBSERVED.

SPECIAL AREA HOTEL 2301N 08246W

25X1D

NO NEW MILITARY ACTIVITY OBSERVED.

SPECIAL AREA VICTOR 2300N 08234W

25X1D

NO NEW MILITARY ACTIVITY OBSERVED.

SPECIAL AREA TANGO 2258N 08244W

25X1D

NO NEW MILITARY ACTIVITY OBSERVED.

LAS VILLAS AREA OF SPECIAL INTEREST 2146N 07959W

25X1D

NO NEW MILITARY ACTIVITY OBSERVED.

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NPIC/R-1140/63

25X1A

TARARA LANDING BEACH 2310N 08212W

25X1D NO APPARENT CHANGE.

MATANZAS LANDING BEACH 2301N 08126W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

VARADERO LANDING BEACH 2308N 08118W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

CIENFUEGOS LANDING BEACH 2202N 08036W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

ENSENADA COLORADO LANDING BEACH 2202N 08025W

NO APPARENT CHANGE.

25X1D

PLAYA COLOMBO LANDING BEACH 2154N 08246W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D

PLAYA DE FLAMENCOS LANDING BEACH 2153N 08243W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1A

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25X1D

TURIGUANO ISLAND SEARCH AREA 2217N 07836W

25X1A

NO MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREA.

25X1D

SAN DIEGO DE NUNEZ, MILITARY CAMP 2254N 08305W

.7 NM NNE OF SAN DIEGO DE NUNEZ.
CAMP CONTAINS 7 BARRACKS-TYPE BUILDINGS, 2 SMALL
SUPPORT-TYPE BUILDINGS, 8 PROBABLE CANVAS-COVERED
TANKS/SP GUNS AND 6 TRUCKS.
TWO LIGHT AAA POSITIONS ARE LOCATED ON EASTERN EDGE
OF CAMP. NO EVIDENCE OF SECURITY.

25X1D

CAMAGUEY AREA, MILITARY INSTALLATION 2117N 07801W

APPROXIMATELY 8 NM SW OF CAMAGUEY ON ROUTE 5-30.
INSTALLATION CONTAINS APPROXIMATELY 13 WAREHOUSE-
TYPE BUILDINGS WHICH APPEAR TO BE CAMOUFLAGED
WITH NETS AND FOLIAGE, APPROXIMATELY 15 VEHICLES
(4 OF WHICH ARE TOWING POSSIBLE FA PIECES), AND AN
UNDERGROUND BUNKER WITH 3 ENTRANCES. ADMINISTRATIVE
AREA CONTAINS 5 MEDIUM-SIZED BUILDINGS AND 4 SMALL
BUILDINGS. TWO PROBABLE SMALL ARMS FIRING RANGES AND
NUMEROUS UNOCCUPIED FA POSITIONS IN AREA.

25X1D

ALTA GRACIA MILITARY AREA 2124N 07742W

3.9 NM SSW OF ALTA GRACIA.
TEN TANKS/SP GUNS, 7 SMALL SUPPORT BUILDINGS,
AND 3 VEHICLES.

25X1D

SECRET

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-MISCELLANEOUS ACTIVITY-

25X1A

SAN FRANCISCO DE PAULA, MUNITIONS STGE SITE 2303N 08218W

NO APPARENT CHANGE IN FACILITIES. APPROXIMATELY
100 TRUCKS/PIECES OF EQUIPMENT PARKED AT SITE.

25X1D

MANAGUA, MUNITIONS STORAGE SITE 2258N 08218W

NO APPARENT CHANGE IN FACILITIES.
THREE TRUCKS PARKED ON LOOP ROAD.

25X1D

BEJUCAL, MUNITIONS STORAGE SITES 2256N 08223W

APPROXIMATELY 20 VEHICLES IN HEADQUARTERS AREA. TWO
VEHICLES ON LOOP ROAD IN NORTHERN STORAGE AREA.

25X1D

LA ROSITA AREA, STORAGE INSTALLATION 2208N 08004W

NO APPARENT CHANGE IN FACILITIES.
NO VEHICLES OBSERVED.

25X1D

SANTA CLARA AREA, MILITARY INSTALLATION 2224N 07953W

NO APPARENT CHANGE. NO VEHICLES OBSERVED.

25X1D

MANICARAGUA AREA, EXPLOSIVES STORAGE SITE 2206N 07958W

NO APPARENT CHANGE.

25X1D

SECRET

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25X1A

AGUAS CLARAS, PROB MILITARY EQUIPMENT AREA 2213N 08323W

NO MILITARY EQUIPMENT OBSERVED.

25X1D

LA BOCA, INDUSTRIAL CONSTRUCTION 2301N 08245W

25X1D NO APPARENT CHANGE.

25X1D

-STATUS OF OTHER TARGETS-

MISSION 3469 DID NOT COVER TARGETS EAST OF 77
DEGREES 30 MINUTES WEST LONGITUDE.

THE FOLLOWING TARGETS COULD BE IDENTIFIED,
BUT NOT INTERPRETED --

25X1A

GUANAJAY IRBM SITE 1
SAGUA LA GRANDE MRBM SITE 1
SAN CRISTOBAL MRBM SITE 4
GUANAJAY IRBM SITE 2

2257N 08239W
2243N 08001W
2246N 08258W
2257N 08236W

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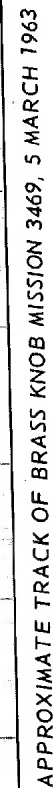
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SAGUA LA GRANDE SAM SITE	2251N 08005W
SANCTI SPIRITUS SAM SITE	2147N 07929W
CHAMBAS SAM SITE	2213N 07853W
ESMERALDA SAM SITE	2155N 07813W
PINAR DEL RIO SAM ASSEMBLY AREA	2221N 08339W
SAN ANTONIO DE LOS BANOS AIRFIELD	2252N 08231W
LA FLORA AREA, MILITARY STORAGE	2252N 08233W
ARTEMISA, MILITARY CAMP	2251N 08248W
LA BOCA, MILITARY CAMP	2301N 08242W
CABANAS AREA, MILITARY CAMP	2256N 08252W
SPECIAL AREA BRAVO BLUE	2250N 08233W
SPECIAL AREA BRAVO RED	2254N 08231W

25X1D

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